

**A METHOD FOR PROCESSING SURFACES OF ARTICLES, A METHOD FOR
SURFACE PREPARATION FOR SUBSEQUENT APPLICATION OF COATING
AND A FACILITY FOR THEIR IMPLEMENTATION**

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Abstract

10 The inventions relate to processing product surfaces in order to provide them
with properties like an increased resistance to the action of different surface breaking
natural or technogenic factors. Said invention can be used for the ship repair industry,
building engineering, the machine-building and oil-gas industries. The inventive method
for processing product surfaces consists in preparing a surface and in applying a coating
with the aid of accelerated particles. Said processing method is characterized in that the
surface preparation and coating are carried out simultaneously by scanning the surface
with separate two-phase flows. The method for preparing a surface for subsequent
15 coating including the surface processing by particles which are accelerated by a gas flow
is also disclosed, said method being characterized in that the preparation is carried out by
scanning the surface with a two-phase flow. The inventive device for processing and
preparing a product surface is also disclosed.